Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108527.D
Acq On : 27 Aug 2018 23:40
Operator : JU/SJ
Sample : J4636-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 01:38:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	105642	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	376651	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	155940	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	263123	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	259560	20.00	ng		-0.01
86) Perylene-d12	15.75	264	176064	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	480195	82.29	ng		0.00
7) Phenol-d6	6.62	99	640885	82.65	ng		-0.01
23) Nitrobenzene-d5	7.56	82	403943	59.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	129992	83.57	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	722411	74.38	ng		-0.01
78) Terphenyl-d14	13.12	244	631799	61.89	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.63	94	17871	2.228	ng	#	68
19) n-Nitroso-di-n-propylamine	7.56	70	54215	10.339	ng	#	85
25) Isophorone	7.56	82	404003	31.402	ng	#	64
49) Dimethylphthalate	9.75	163	82687	7.612	ng	#	99
56) 2,4-Dinitrotoluene	10.04	165	20575	7.033	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.83	198	247	5.581	ng	#	1
66) 4-Bromophenyl-phenylether	10.84	248	8203	2.869	ng	#	1
70) Phenanthrene	11.56	178	44928	3.620	ng		99
74) Fluoranthene	12.76	202	140186	10.350	ng		93
77) Pyrene	12.99	202	122933	7.481	ng		99
80) Benzo(a)anthracene	14.18	228	84202	5.653	ng		98
82) Chrysene	14.22	228	84191	6.165	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	33238	2.809	ng	#	87
87) Benzo(b)fluoranthene	15.28	252	129947	12.352	ng		95
88) Benzo(k)fluoranthene	15.28	252	129947	13.437	ng		95
89) Benzo(a)pyrene	15.68	252	57334	6.086	ng		96
91) Benzo(g,h,i)perylene	17.85	276	32040	4.174	ng		92

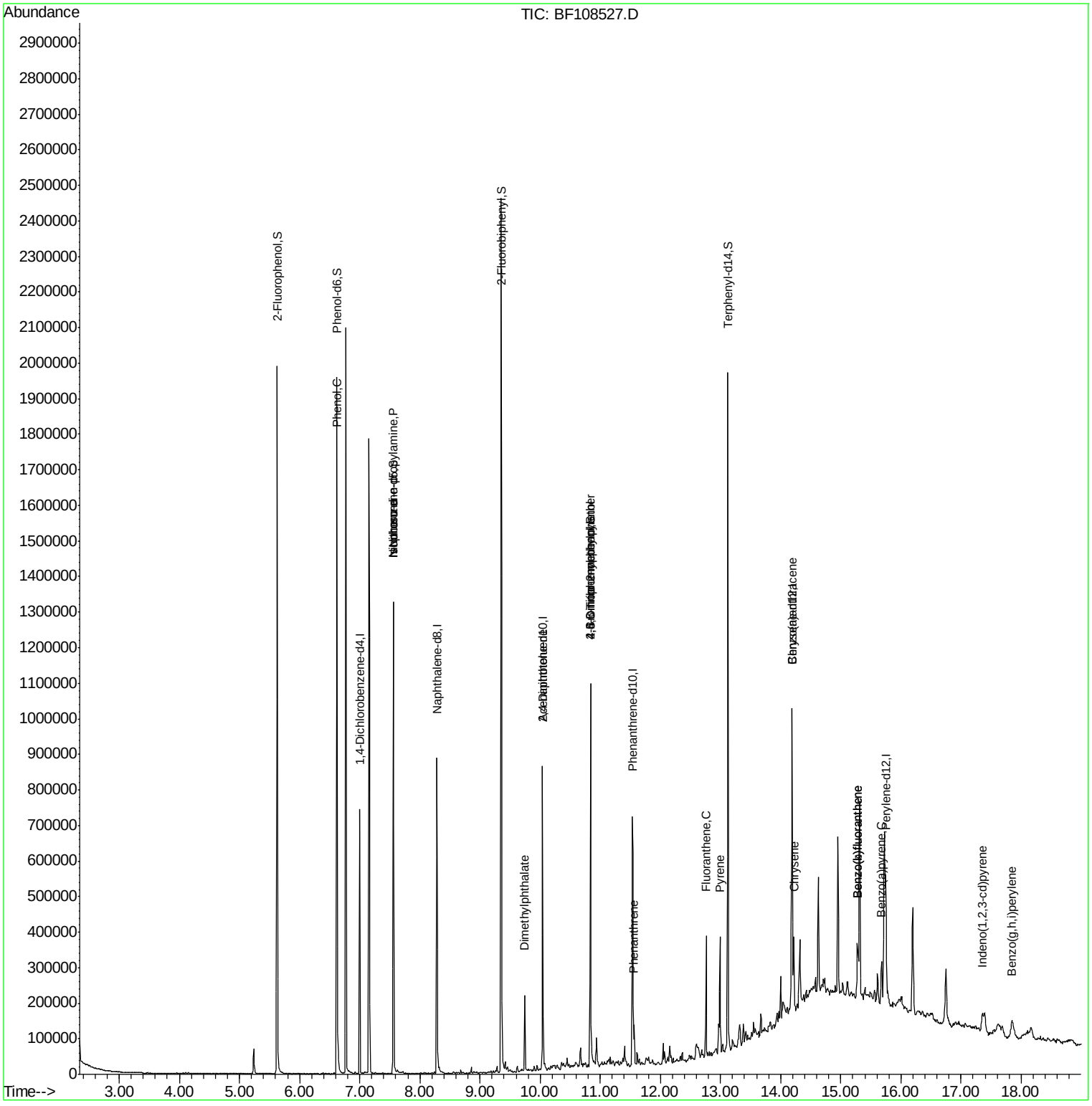
(#) = qualifier out of range (m) = manual integration (+) = signals summed

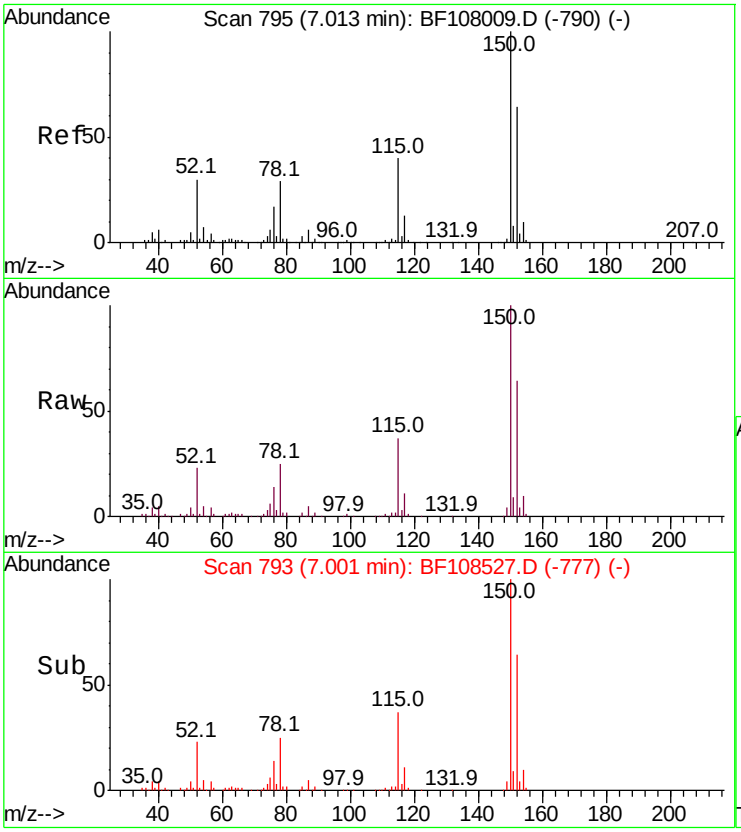
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108527.D
Acq On : 27 Aug 2018 23:40
Operator : JU/SJ
Sample : J4636-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 01:38:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



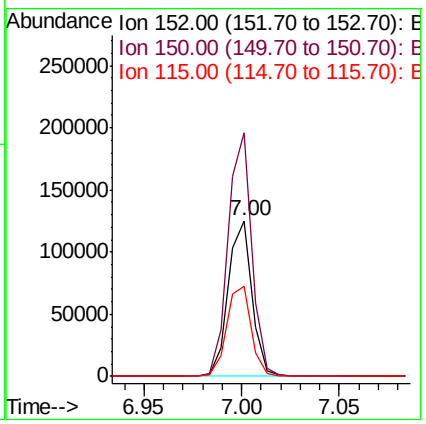


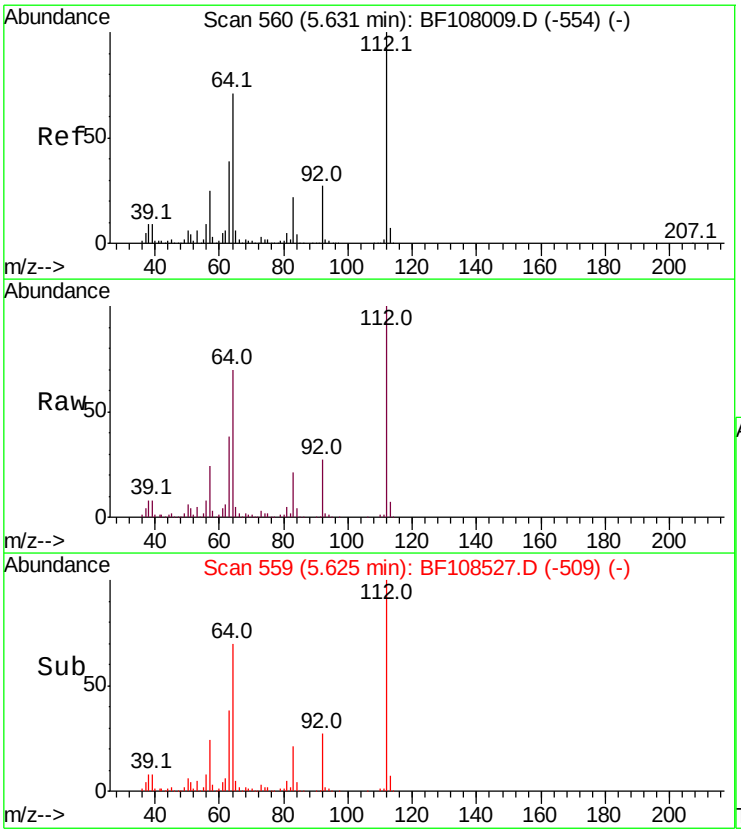
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105642

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	57.5	50.1	75.1

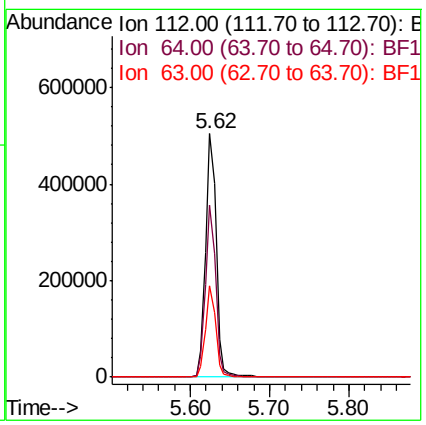


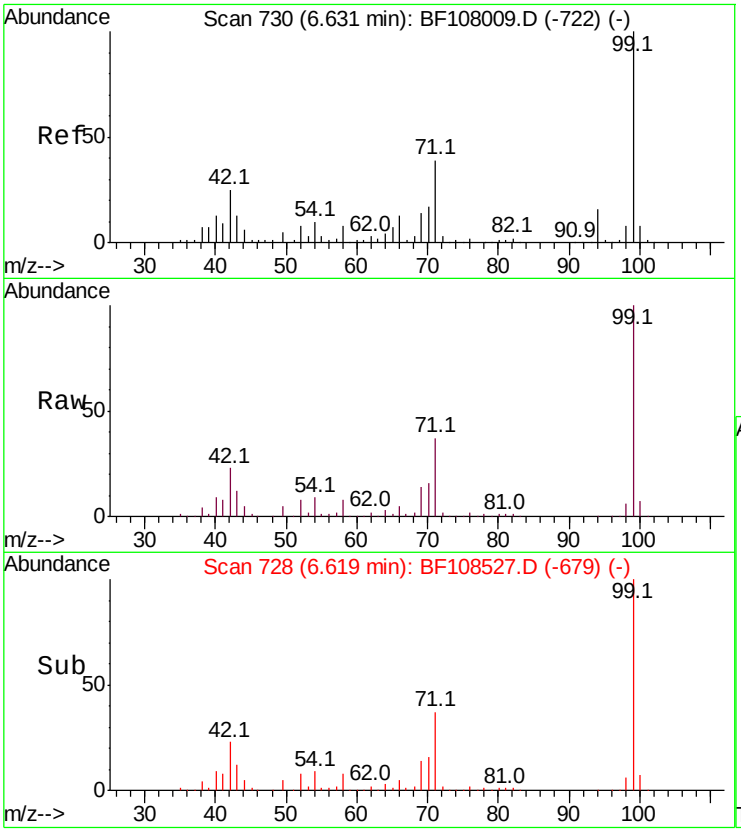


#5
2-Fluorophenol
Concen: 82.294 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:112 Resp: 480195

Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	37.7	23.7	35.5#



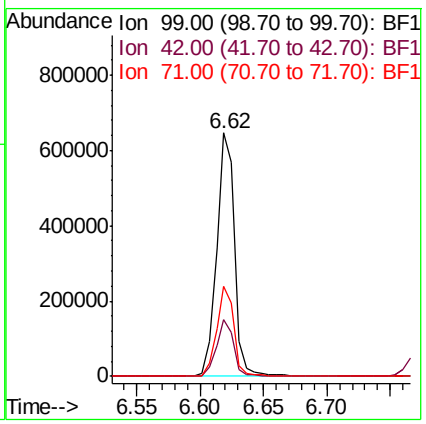


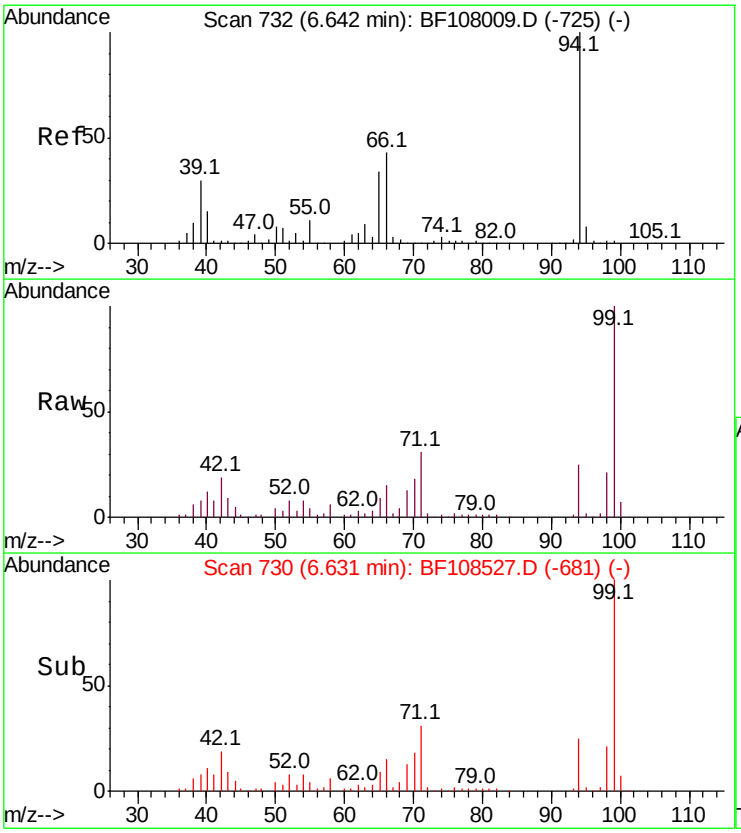
#7
Phenol-d6
Concen: 82.651 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 640885

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	36.8	25.4	38.0

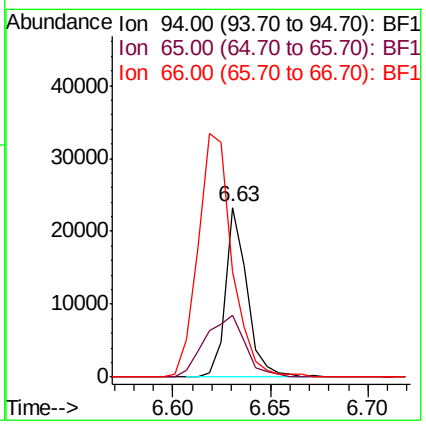


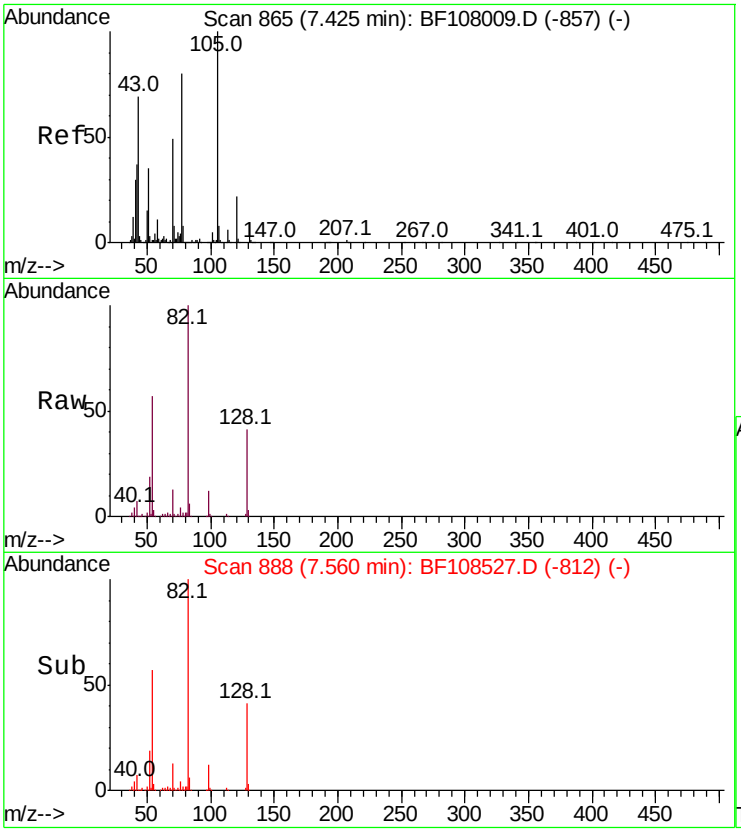


#10
Phenol
Concen: 2.228 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion: 94 Resp: 17871

Ion	Ratio	Lower	Upper
94	100		
65	36.4	7.9	47.9
66	61.8	16.2	56.2#



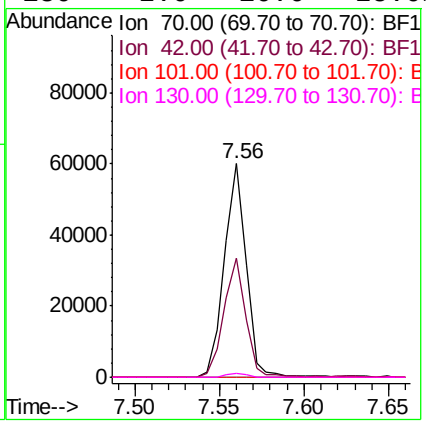


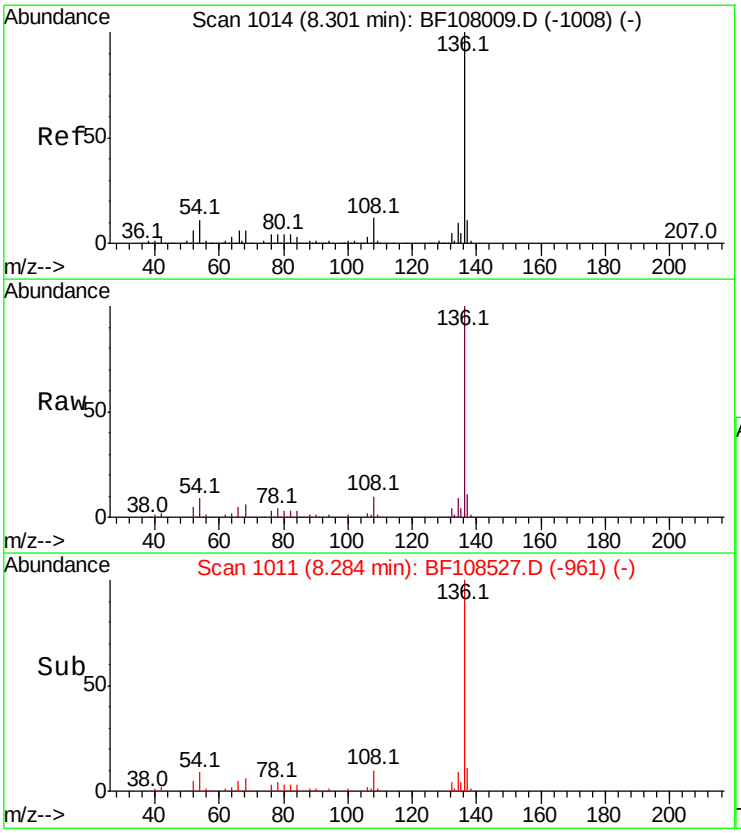
#19
n-Nitroso-di-n-propylamine
Concen: 10.339 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 54215

Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

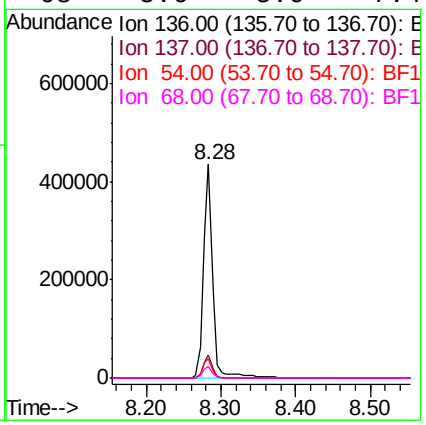


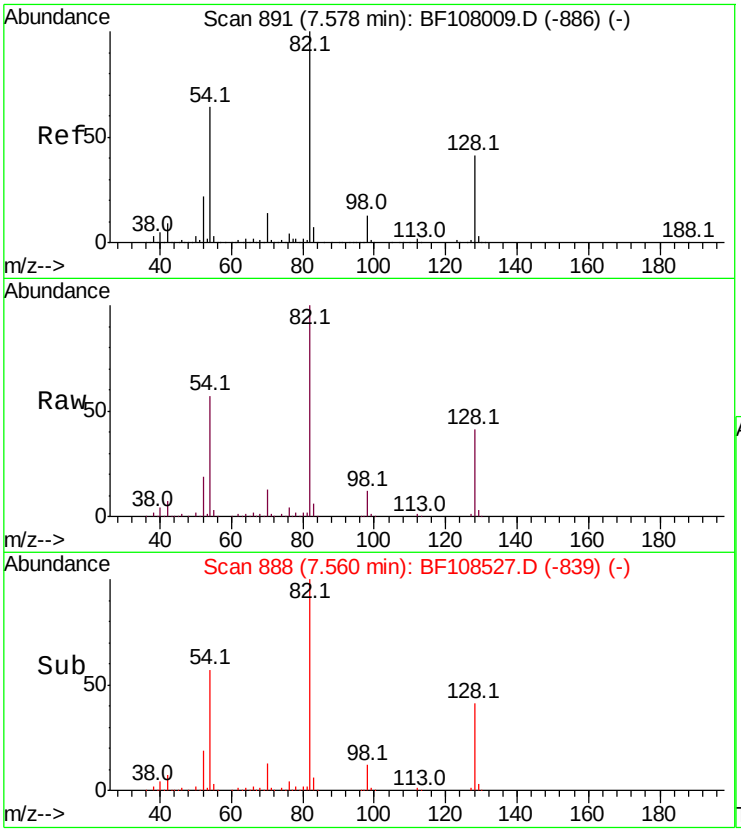


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:136 Resp: 376651

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	5.6	5.0	7.4



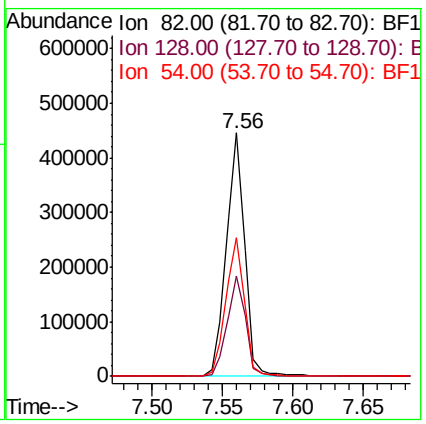


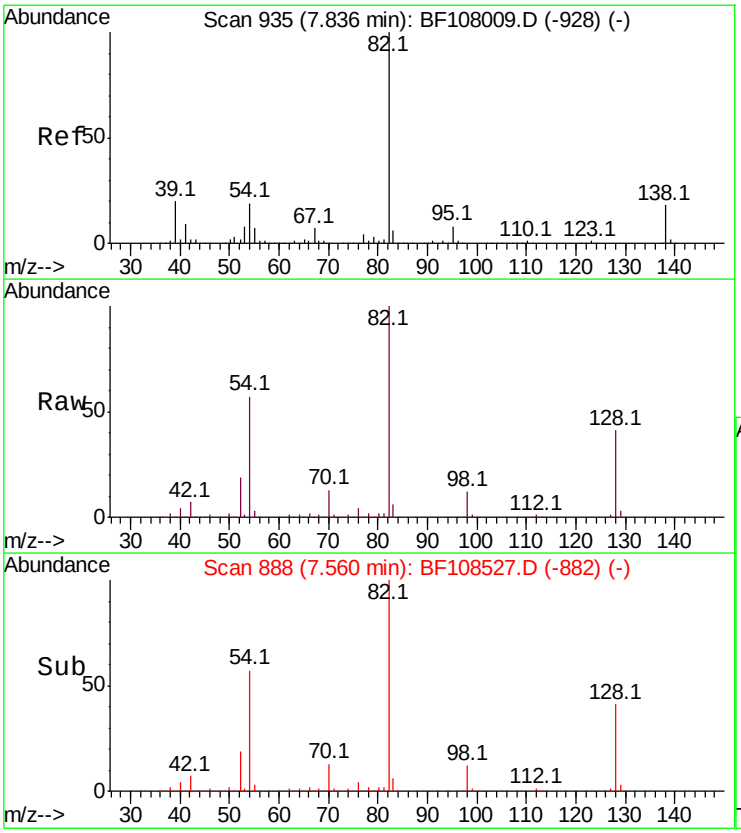
#23
Nitrobenzene-d5
Concen: 59.845 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 403943

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	57.1	41.4	62.2

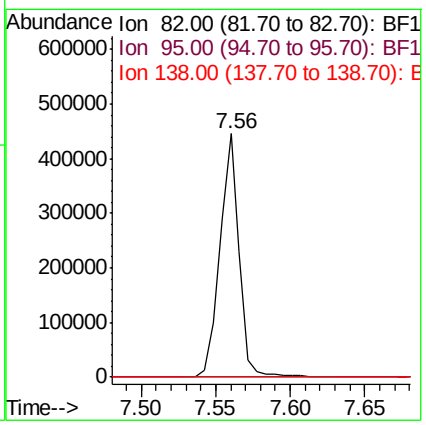


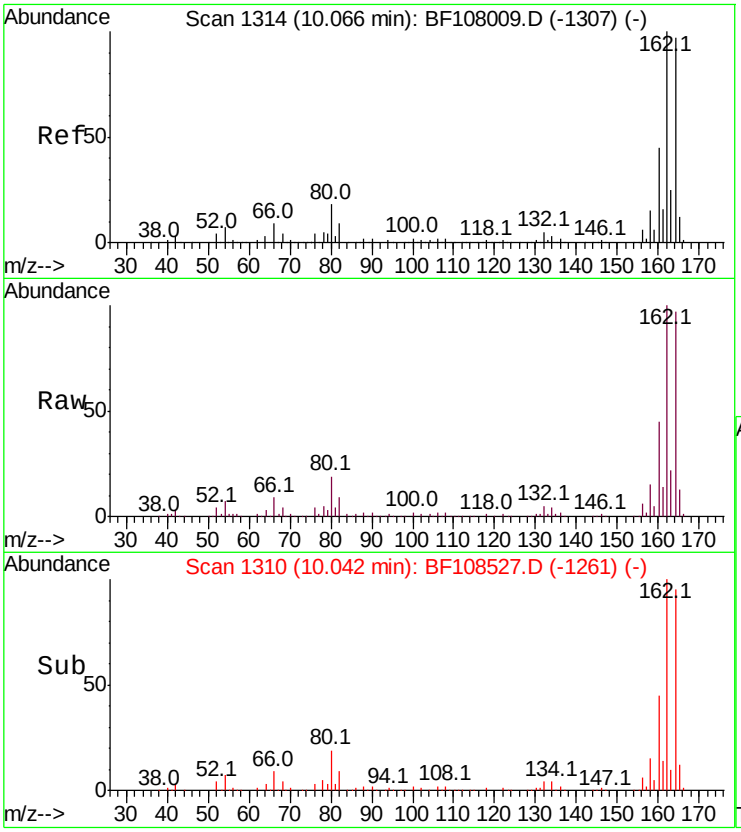


#25
Isophorone
Concen: 31.402 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion: 82 Resp: 404003

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



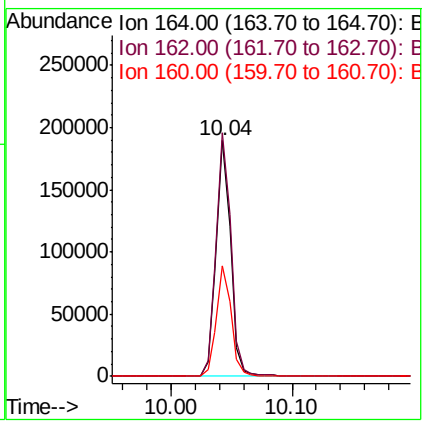


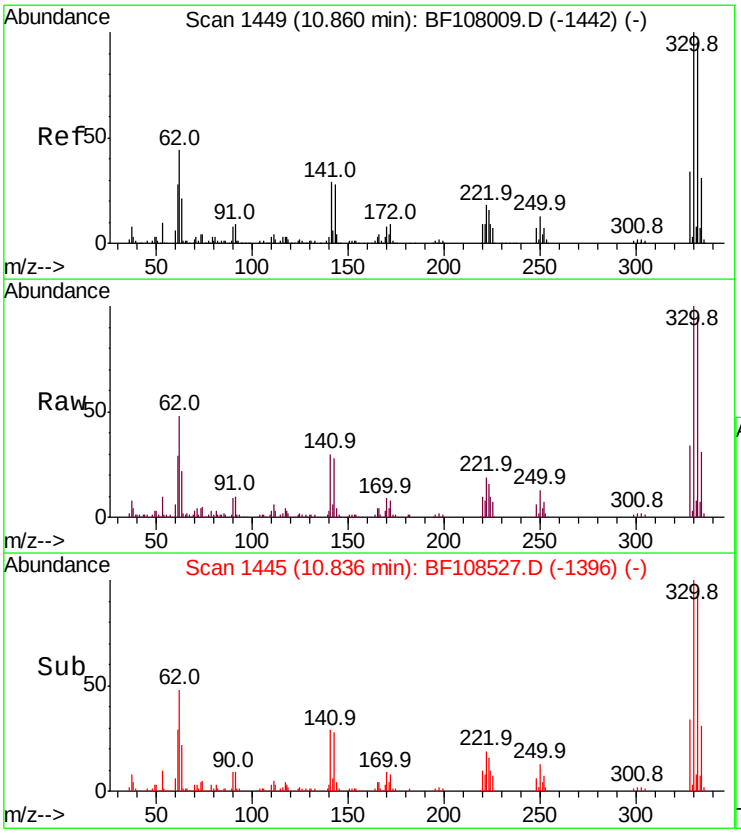
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 155940

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.7	38.3	57.5

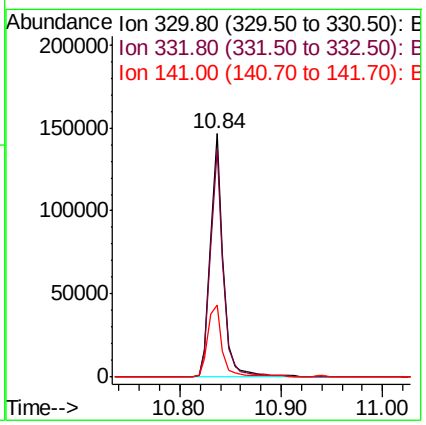


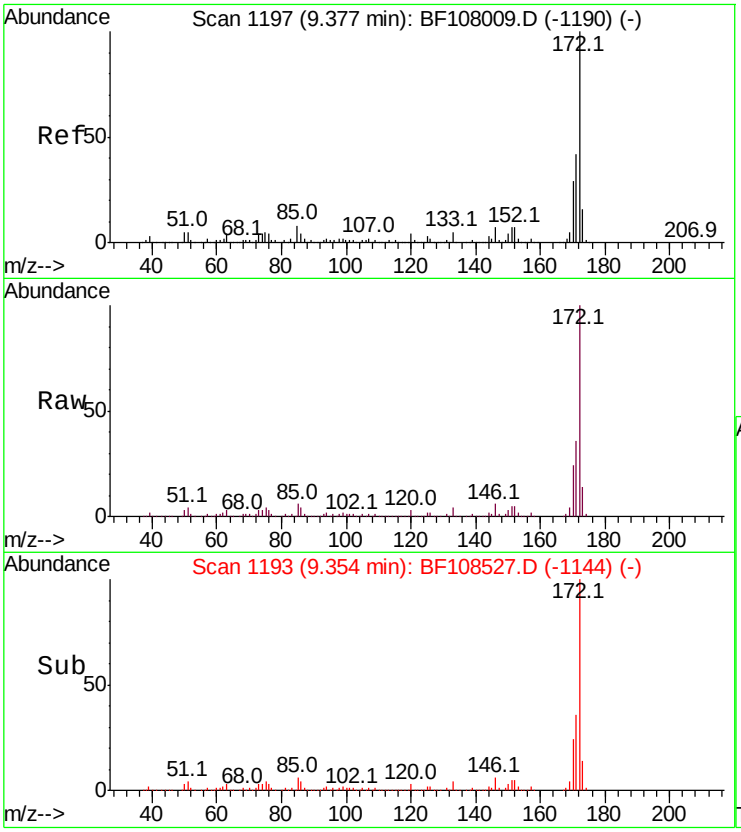


#41
2,4,6-Tribromophenol
Concen: 83.571 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:330 Resp: 129992

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	33.0	29.9	44.9



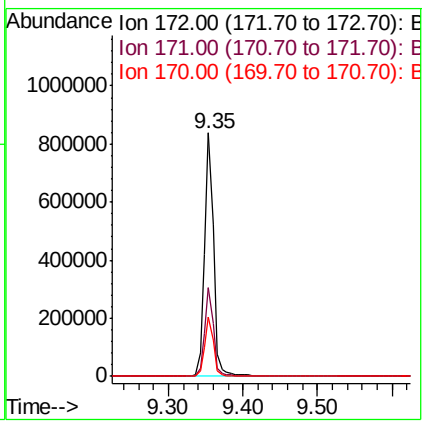


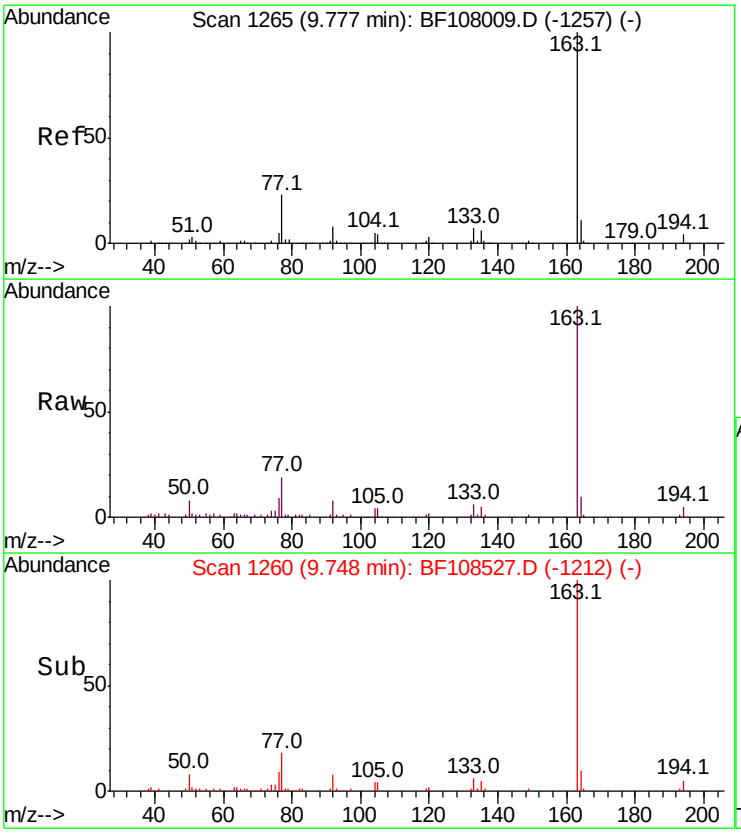
#44
2-Fluorobiphenyl
Concen: 74.375 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 722411

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

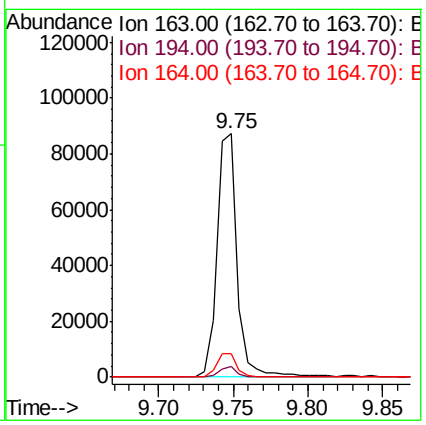


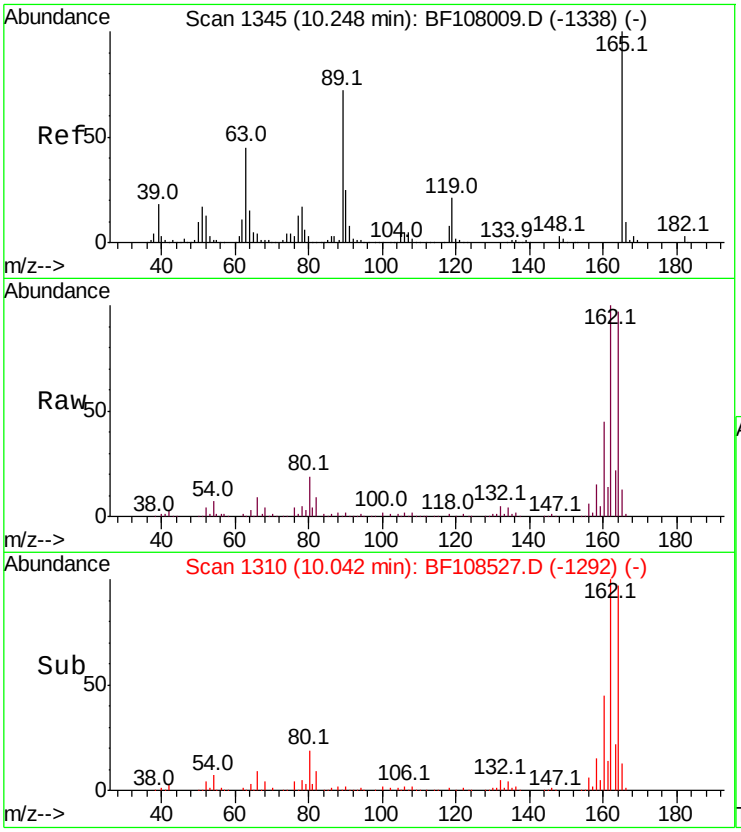


#49
Dimethylphthalate
Concen: 7.612 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:163 Resp: 82687

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.9	8.2	12.2



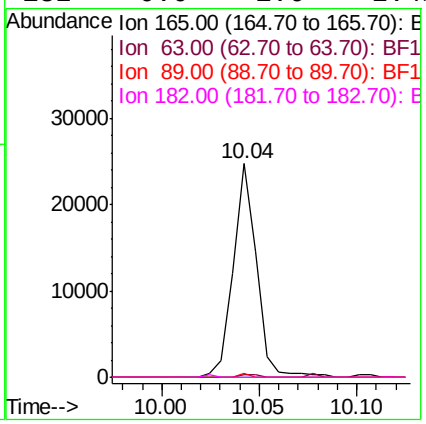


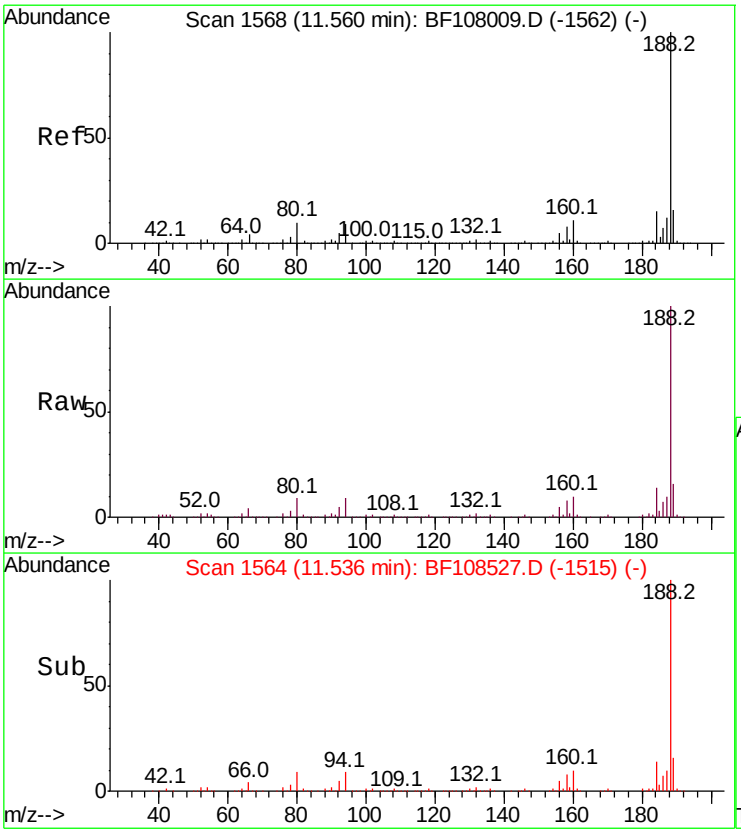
#56
2,4-Dinitrotoluene
Concen: 7.033 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20575

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

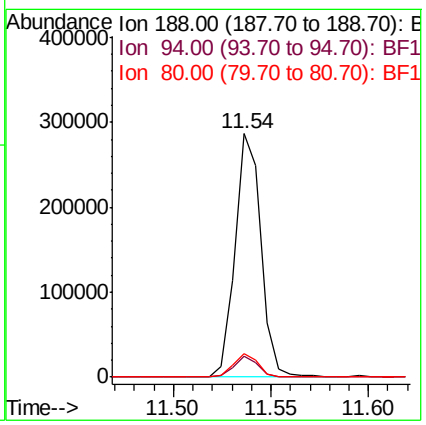


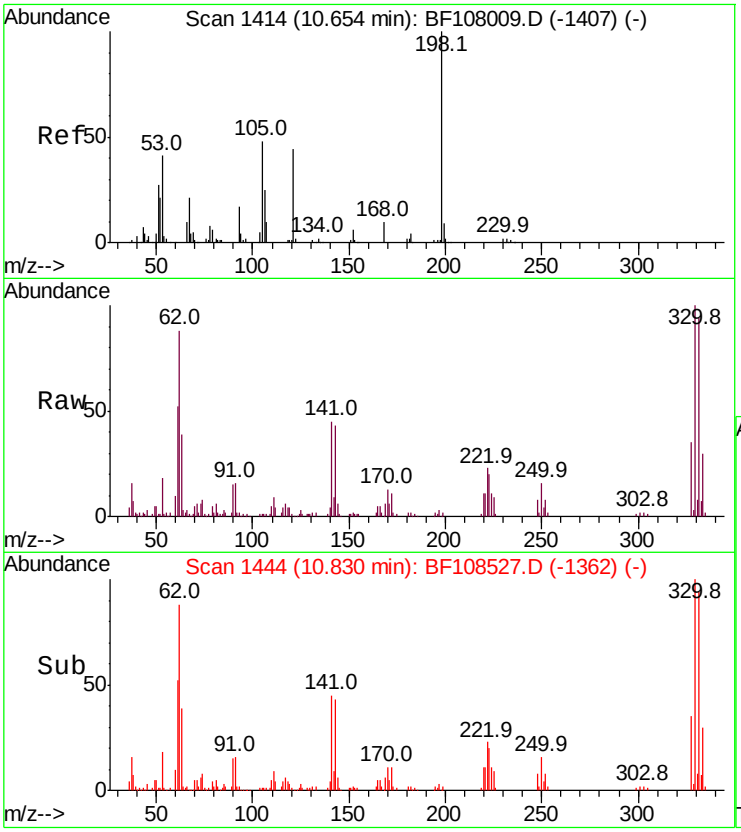


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:188 Resp: 263123

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8



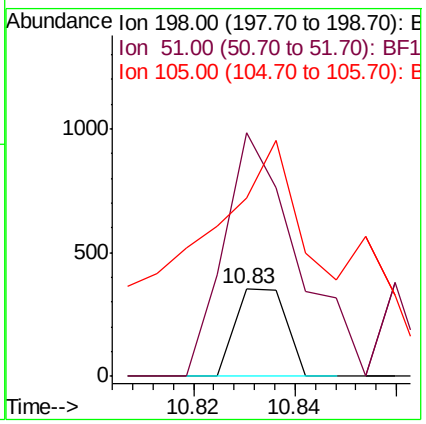


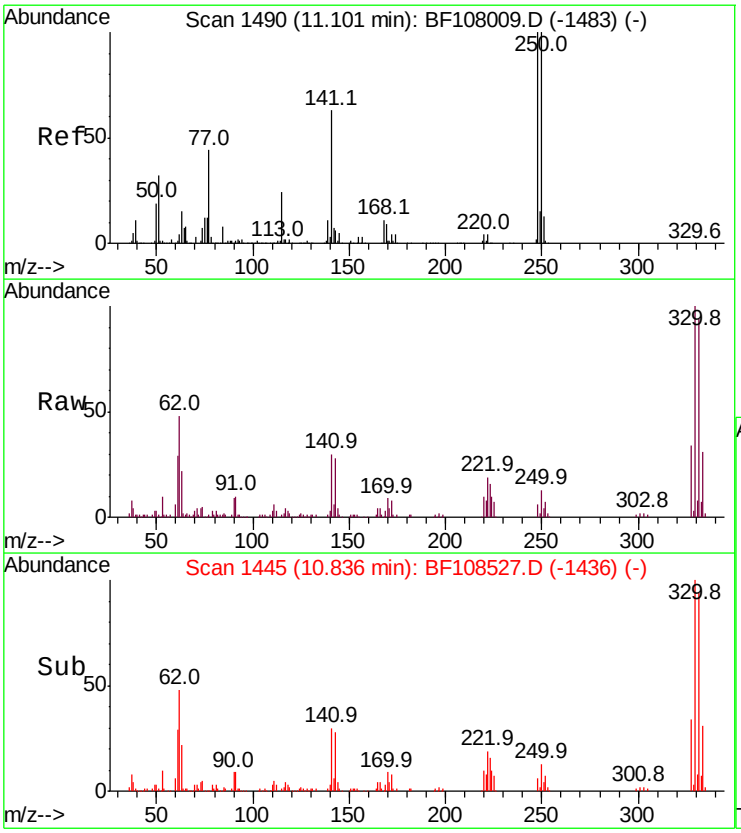
#64
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 247

Ion	Ratio	Lower	Upper
198	100		
51	278.0	37.7	77.7#
105	203.7	36.3	76.3#

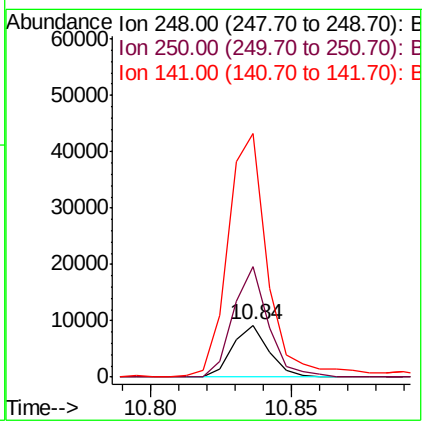


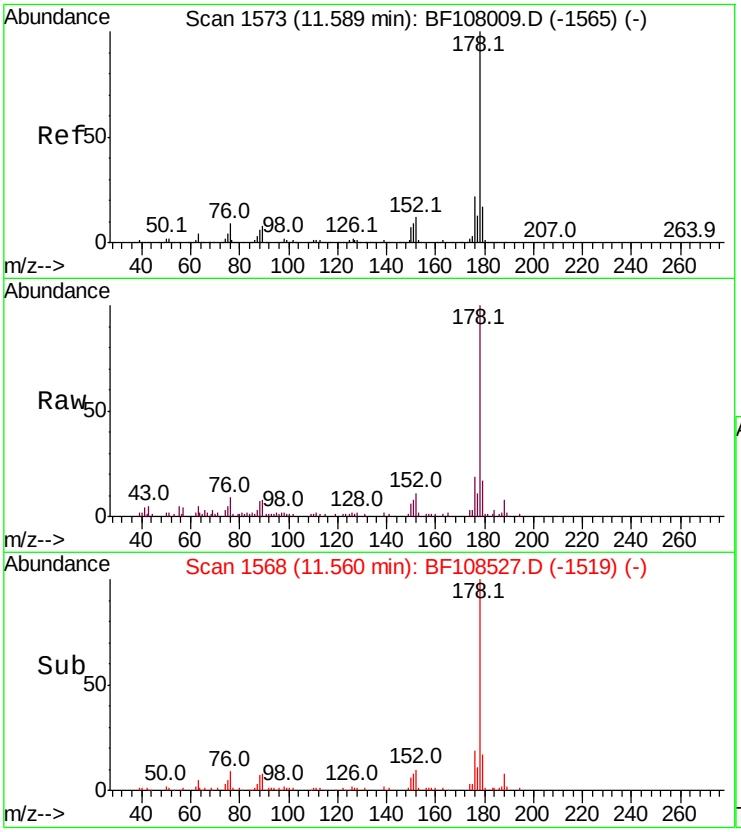


#66
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:248 Resp: 8203

Ion	Ratio	Lower	Upper
248	100		
250	213.0	76.9	115.3#
141	471.4	74.4	111.6#



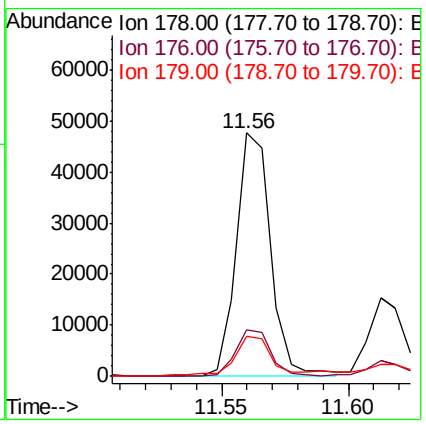


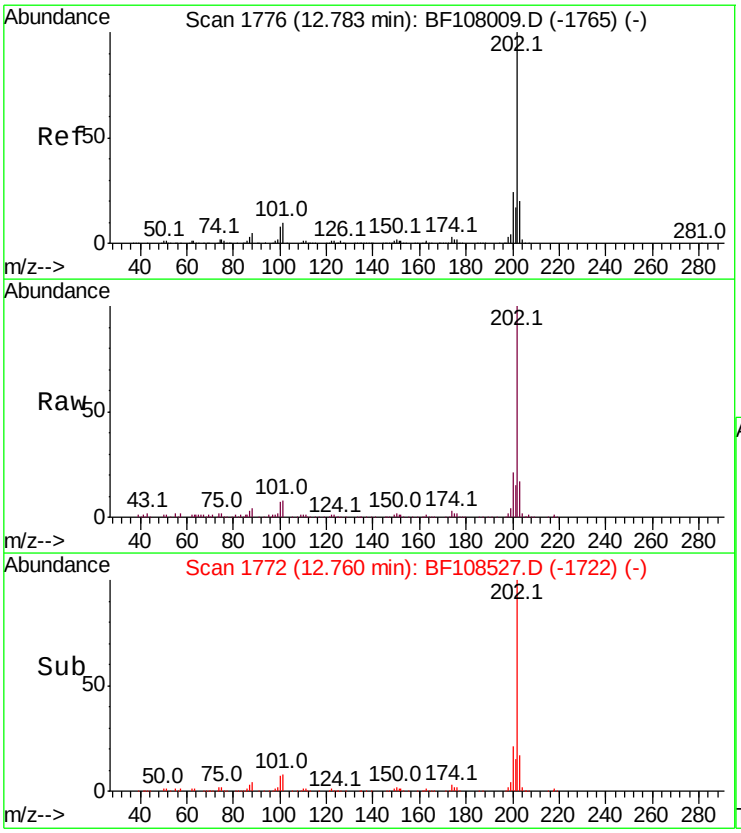
#70
Phenanthrene
Concen: 3.620 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44928

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.7	13.0	19.6

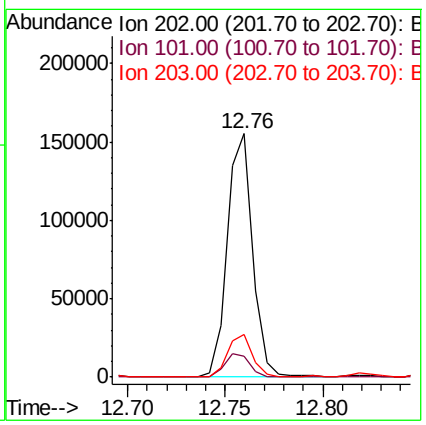


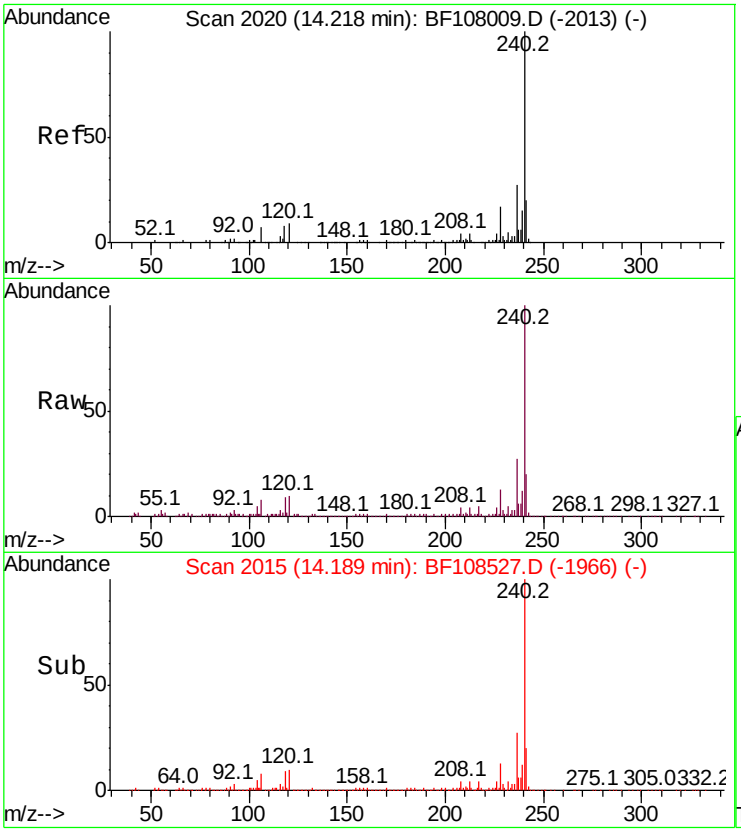


#74
Fluoranthene
Concen: 10.350 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:202 Resp: 140186

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.1
203	17.4	0.0	38.1



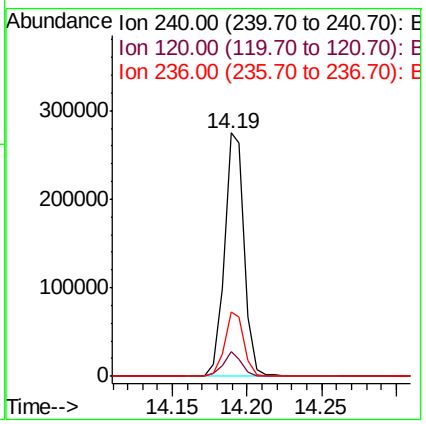


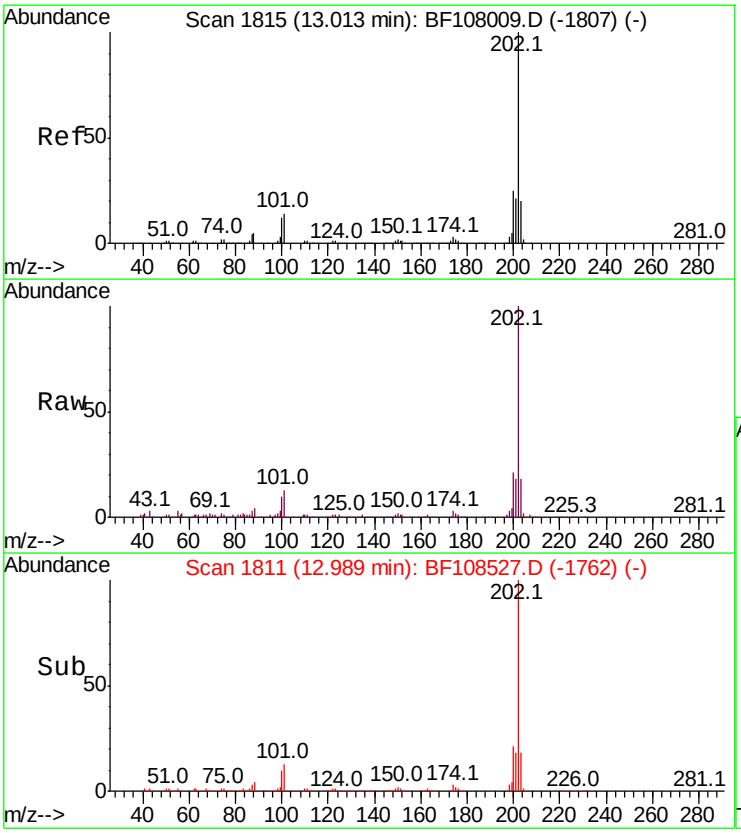
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 259560

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.7	20.7	31.1

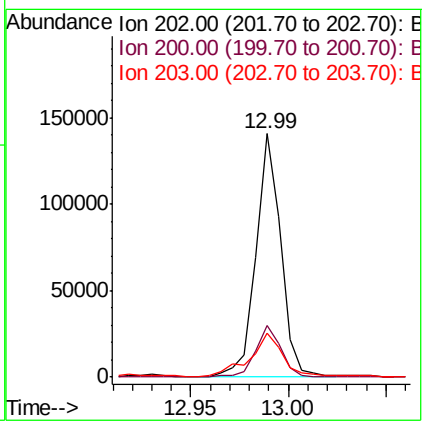


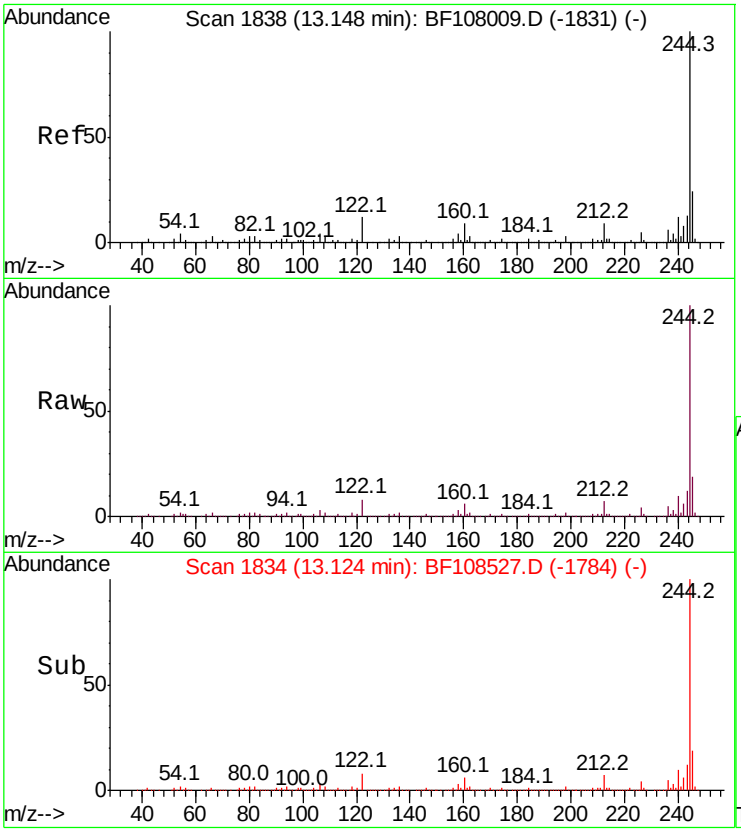


#77
Pyrene
Concen: 7.481 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:202 Resp: 122933

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.9	14.3	21.5



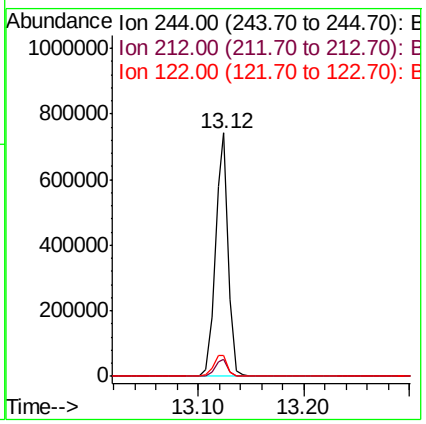


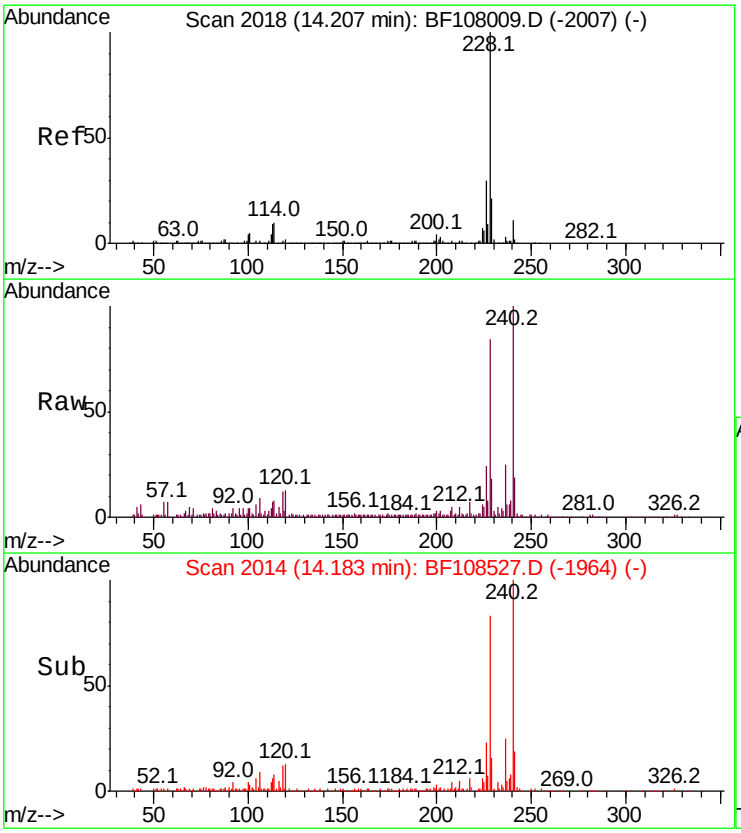
#78
Terphenyl-d14
Concen: 61.889 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 631799

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.4	11.0	16.4#

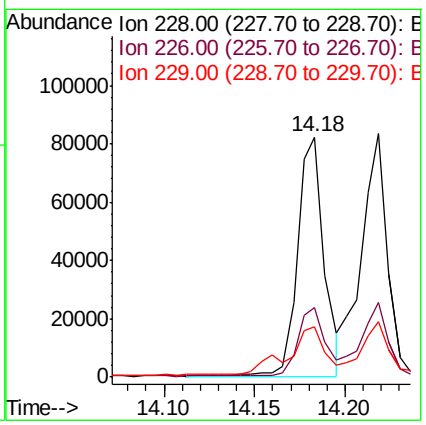


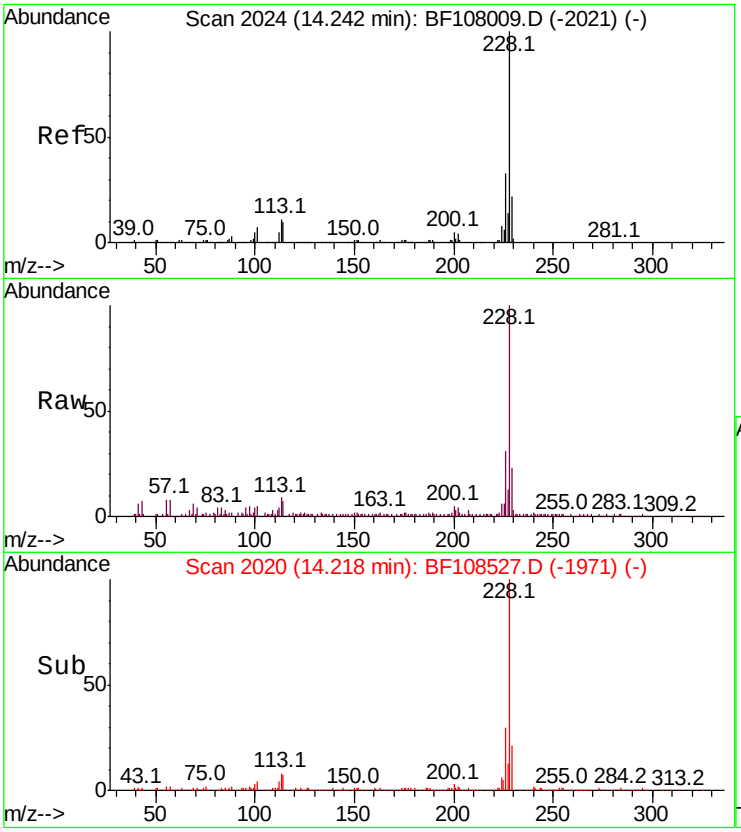


#80
Benzo(a)anthracene
Concen: 5.653 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:228 Resp: 84202

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.0	15.8	23.6



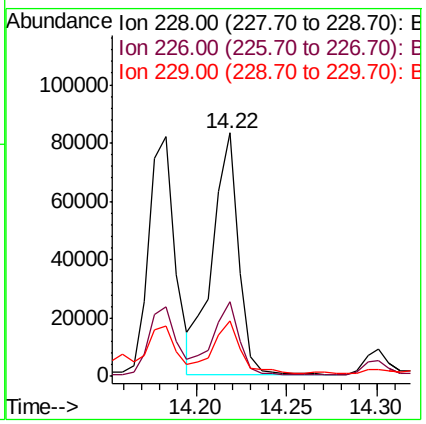


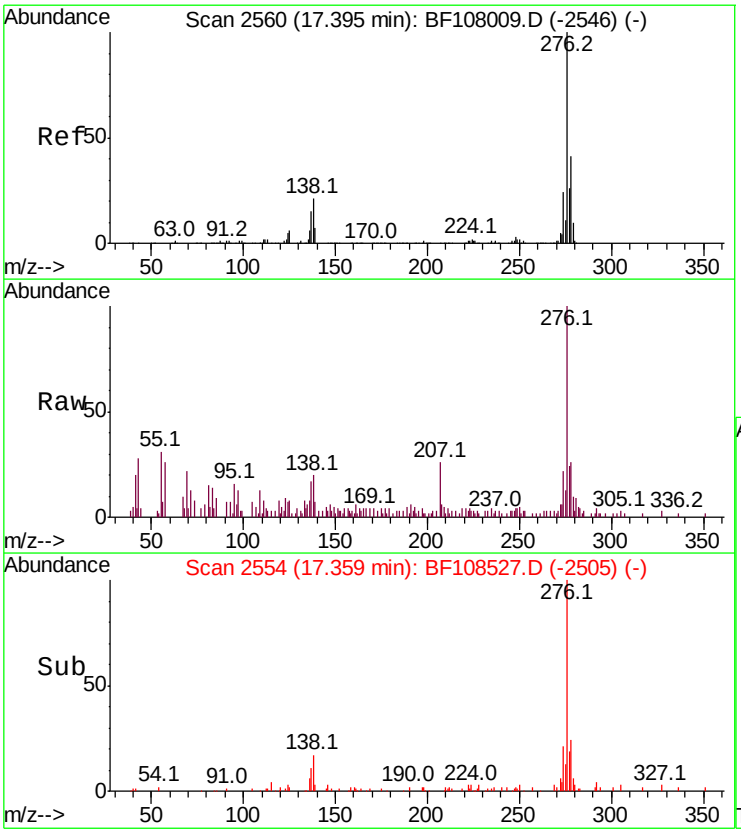
#82
Chrysene
Concen: 6.165 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 84191

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.7	16.2	24.4

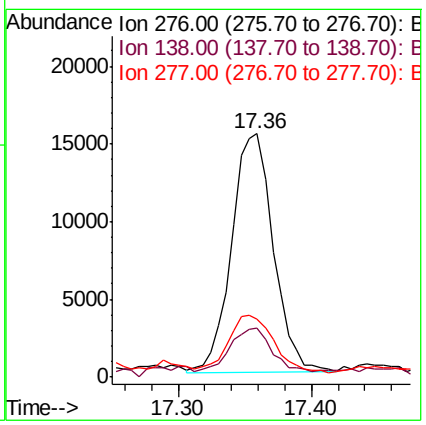


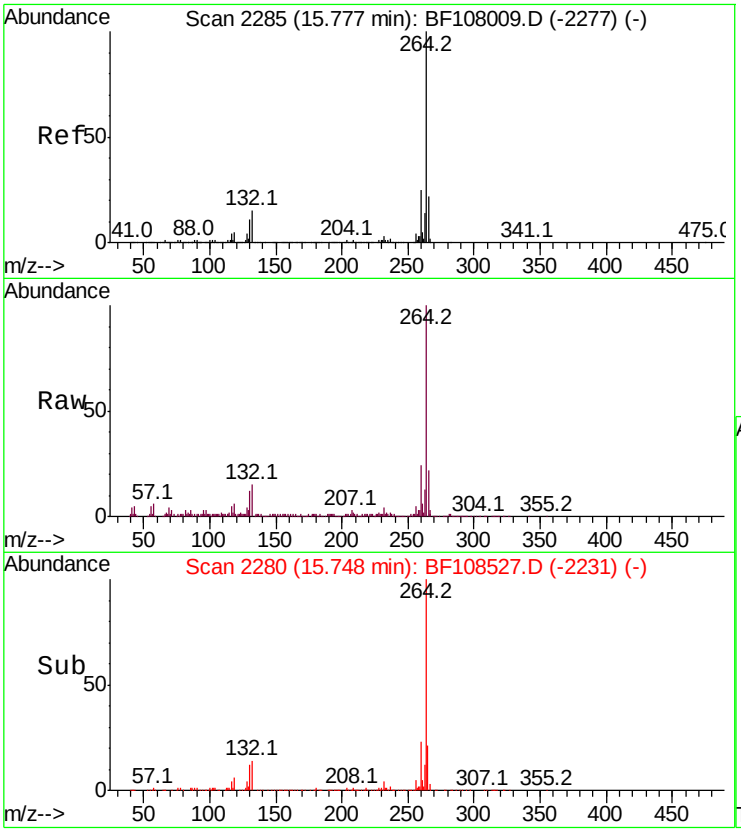


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.809 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:276 Resp: 33238

Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	26.1	20.1	30.1



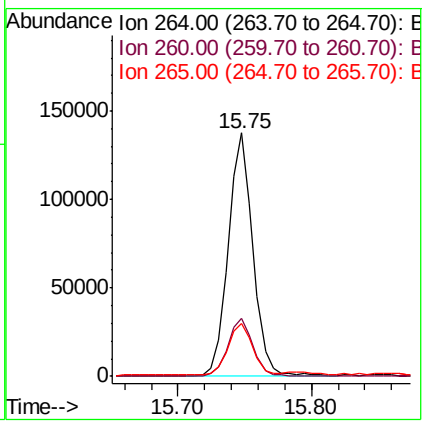


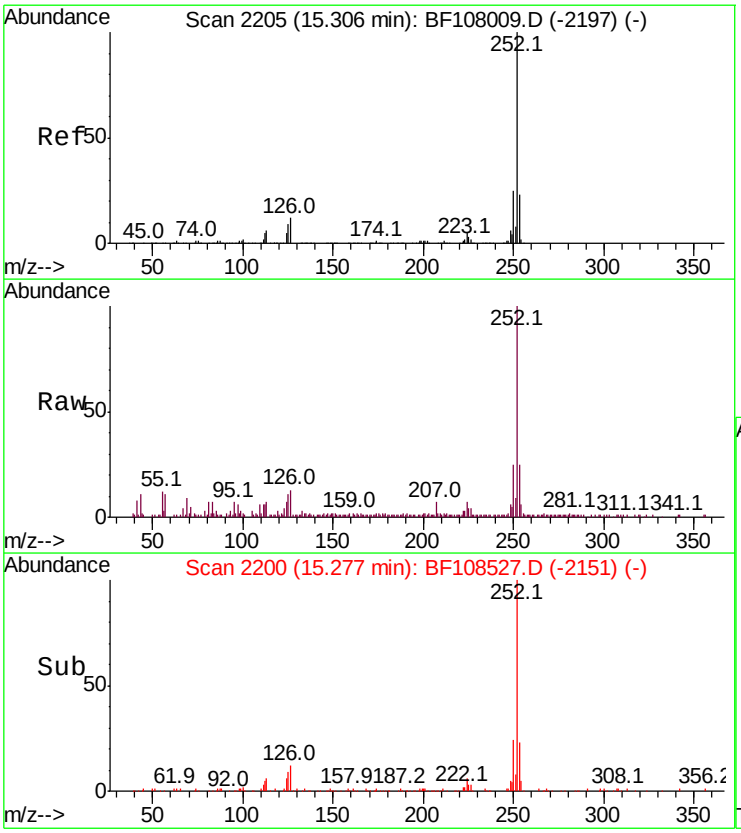
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 176064

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

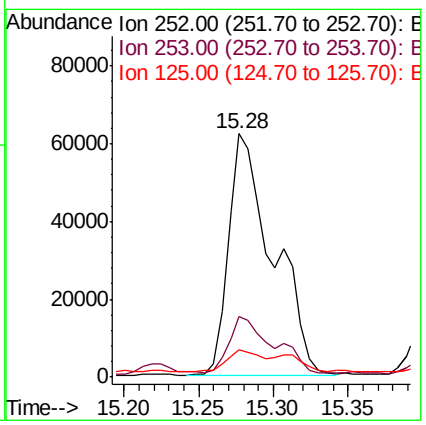


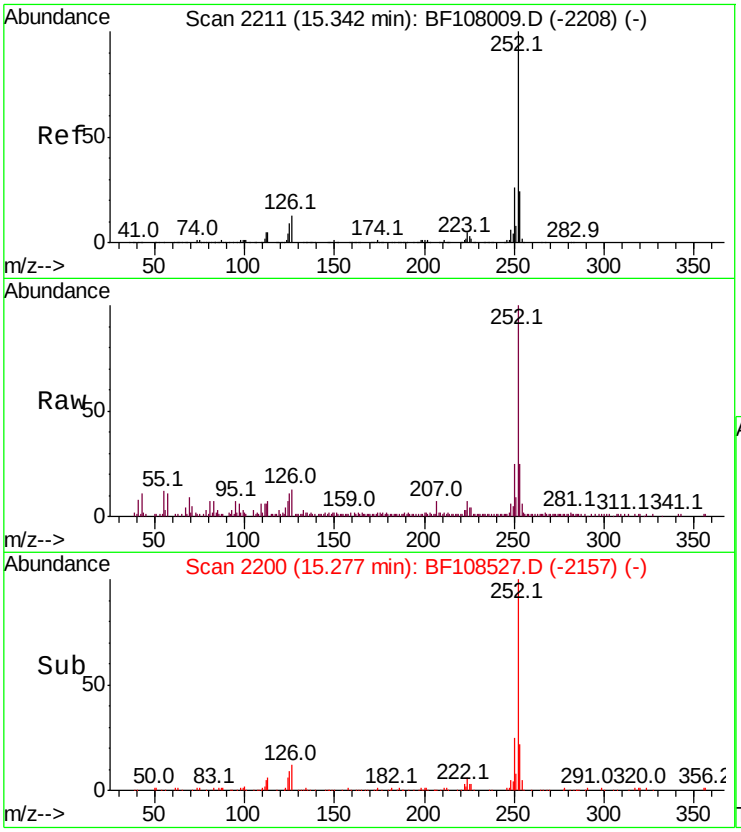


#87
Benzo(b)fluoranthene
Concen: 12.352 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:252 Resp: 129947

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	11.1	9.0	13.6



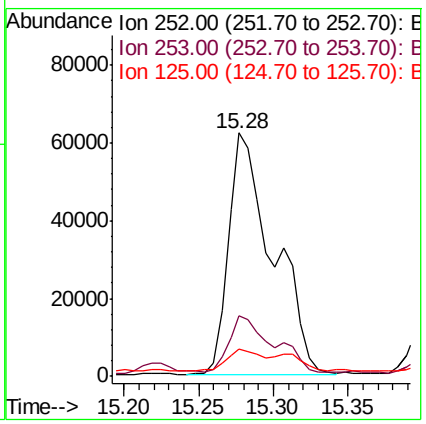


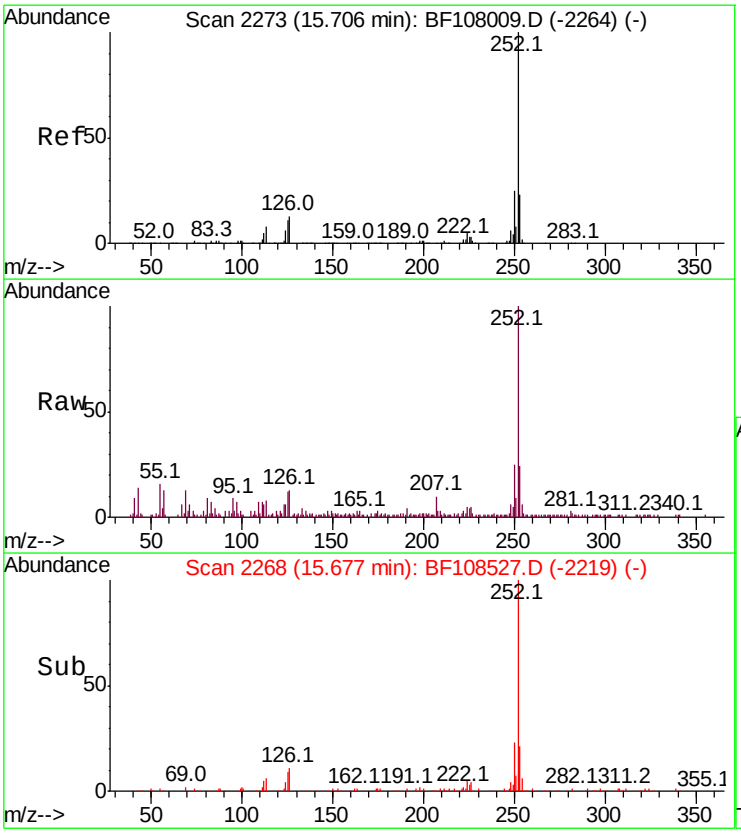
#88
Benzo(k)fluoranthene
Concen: 13.437 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 129947

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	11.1	10.2	15.2

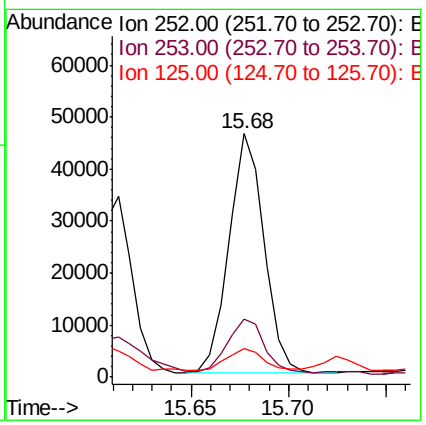


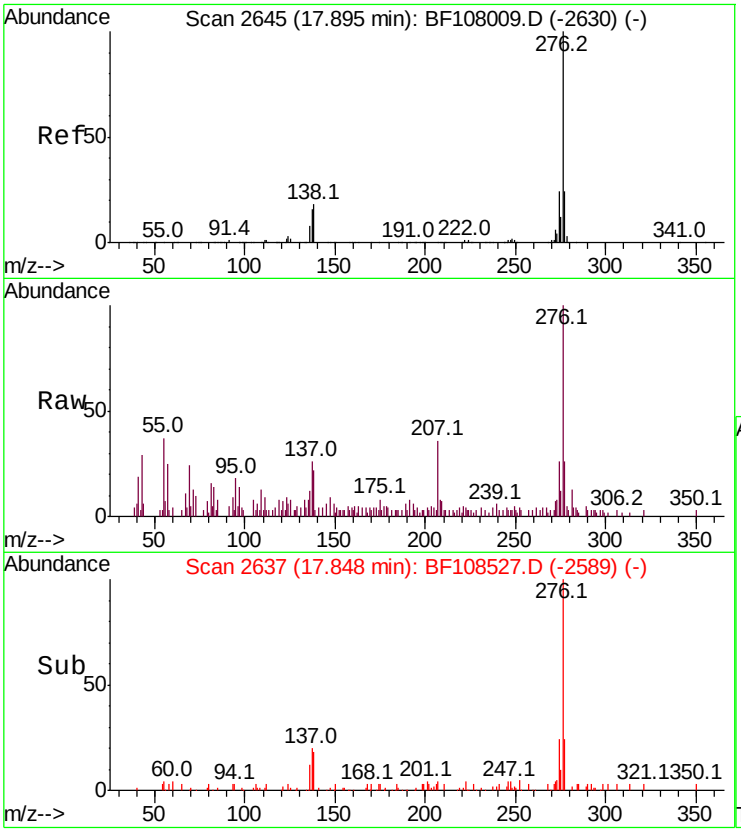


#89
Benzo(a)pyrene
Concen: 6.086 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Tgt Ion:252 Resp: 57334

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.174 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108527.D
Acq: 27 Aug 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32040

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	22.5	21.8	32.8